

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marvin FARLEY\* , et al

COPY OF PAPERS  
ORIGINALLY FILED

Assignee: APPLIED MATERIALS, INC.

Title: INDIRECTLY HEATED BUTTON CATHODE FOR AN ION SOURCE

Serial No.: 10/091,351 Confirmation Number Assignment: 7249

Filed: 03/06/2002 Group Art Unit: 2881

Attorney Docket No.: 006126 Examiner: Unknown

Santa Clara, California  
June 3, 2002

Box: Missing Parts  
ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
Attention: Manager  
Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on April 5, 2002, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by the inventor(s) in compliance with 37 CFR 1.63 (4 pages);
2. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

1. Filing Fee - Original Patent Application (37 CFR 1.16(a))	\$ 740.00
2. Fees for claims	
_x_ each independent claim in excess of 3 (37 CFR 1.16(f))	\$ 336.00
__ each claim in excess of 20 (37 CFR 1.16(c))	
_x_ each multiple dependent claim (37 CR 1.16(d))	\$ 280.00
_x_ Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e))	\$ 130.00
Total Completion Fees	\$1,486.00

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Extension (Months)      Fee for other than Small Entity

<input type="checkbox"/> One Month	\$ 110.00
<input type="checkbox"/> Two Months	\$ 400.00
<input type="checkbox"/> Three Months	\$ 920.00
<input type="checkbox"/> Four Months	\$1,440.00

COPY OF PAPERS  
ORIGINALLY FILED

If an additional extension of time is required please consider this a petition therefor.

4. The Commissioner is hereby authorized to charge \$1,486.00 and any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

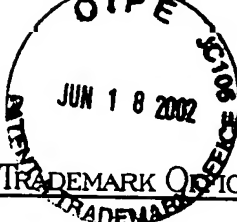
It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of 03/06/2002 . Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

Respectfully submitted,

Robert W. Mulcahy  
Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner of Patents and Trademarks,  
Washington, D.C. 20231 on June 5, 2002  
Signature: Jo Cottrell

10/091,351



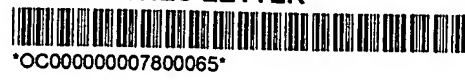
UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/091,351	03/06/2002	Marvin Farley	006126 IMPLANT/ORION/LE

CONFIRMATION NO. 7249

FORMALITIES LETTER



Robert Mulcahy, Esq.  
Legal Affairs Dept.  
Applied Materials, Inc.  
Box 450A  
Santa Clara, CA 95052

COPY OF PAPERS  
ORIGINALLY FILED

Date Mailed: 04/05/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$616.
  - \$336 for 4 independent claims over 3 .
  - \$280 for multiple dependent claim surcharge.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1486.

06/24/2002 MAHME1 00000117 501074 10091351

01 FC:101	740.00 CH
02 FC:104	280.00 CH
03 FC:102	336.00 CH
04 FC:105	130.00 CH

*A copy of this notice MUST be returned with the reply.*

*Chmiquach*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE